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Customer No: 31561  
Docket No.: 14217-US-PA-X  
Application No.: 10/710,818

#### ABSTRACT OF THE DISCLOSURE

An electrostatic discharge (ESD) protection device including an ESD protection circuit is provided. The ESD protection circuit includes at least a diode connected in series between a first voltage and a pad, and at least an ESD component connected in series between a second voltage and a pad. Each of the at least an ESD component comprises a deep N-well region formed in a P-type substrate, a triple P-well formed in the deep N-well region, and a highly doped N-type (N+) region and a highly doped P-type (P+) region formed in the triple P-well region.

Marked Version

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## ABSTRACT OF THE DISCLOSURE

An electrostatic discharge (ESD) protection device including an ~~ESD clamp~~ circuit ~~ESD protection circuit~~ is provided. The ~~ESD clamp circuit~~ ~~ESD protection circuit~~ includes at least a diode connected in series between a first voltage and a pad, and at least 5 an ESD component connected in series between a second voltage and a pad. Each of the at least an ESD component comprises a deep N-well region formed in a P-type substrate, a triple P-well formed in the deep N-well region, and a highly doped N-type (N+) region and a highly doped P-type (P+) region formed in the triple P-well region.